

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L2	164	enhancing and persistence	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L3	5275	(709/206).OCLS.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L4	812	MQSeries	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L5	30	L3 and L4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L6	0	L2 and L3	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L7	0	L2 and L4	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L8	2	("20030191978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L9	2	("5452430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L10	5275	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L11	505	L10 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L12	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L13	503	L10 and persistent not L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L14	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L15	957	L14 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L16	532	L15 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L17	476	message same oriented same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/13 10:41
L18	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L19	957	L18 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L20	532	L19 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L21	133	L20 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L22	5275	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L23	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41

L24	503	L22 and persistent not L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L25	126	L21 not L24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L26	125	L25 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L27	125	L26 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L28	125	L27 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L29	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L30	957	L29 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L31	532	L30 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L32	133	L31 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L33	5275	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L34	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020058316") or ("20020004835"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L35	503	L33 and persistent not L34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L36	126	L32 not L35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L37	125	L36 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L38	125	L37 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L39	125	L38 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L40	125	L39 not "object_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L41	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L42	5275	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L43	0	L42 and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L44	2284681	L42 and (set of messages) or (block of messages)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L45	62098	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L46	0	"709".clas. and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L47	0	"709".clas. and "set of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L48	7167	L45 and block with message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L49	2994	L45 and block near2 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L50	459	L45 and block adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L51	1647	L45 and set adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L52	62098	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L53	4	L52 and (set adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L54	0	L52 and ("one or more" adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L55	0	L52 and "one or more" adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41

L56	69	L52 and (one with more ) adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L57	10	L56 and browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L58	14	L56 and scan	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L59	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L60	164	enhancing and persistance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L61	5275	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L62	812	MQSeries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L63	0	L60 and L61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L64	0	L60 and L62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L65	30	L61 and L62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L66	2	("20030191978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L67	2	("5452430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L68	5275	(709/206).CGLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L69	505	L68 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L70	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L71	503	L68 and persistent not L70	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L72	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41



L73	957	L72 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L74	532	L73 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L75	476	message same oriented same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/13 10:41
L76	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L77	957	L76 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L78	532	L77 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L79	133	L78 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L80	5275	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41

L81	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L82	503	L80 and persistent not L81	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L83	126	L79 not L82	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L84	125	L83 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L85	125	L84 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L86	125	L85 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L87	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L88	957	L87 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L89	532	L88 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L90	133	L89 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L91	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("2002004835"))).FN.	US-PGPUB; USPAT	OR	OFF	2008/03/13 10:41
L92	5275	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L93	503	L92 and persistent not L91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L94	126	L90 not L93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L95	125	L94 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L96	125	L95 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41

L97	125	L96 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L98	125	L97 not "object_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L99	2888	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 10:41
L100	62098	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L101	2994	L100 and block near2 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L102	7167	L100 and block with message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L103	0	"709".clas. and "set of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L104	0	"709".clas. and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L105	5275	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 10:41
L106	2284681	L105 and (set of messages) or (block of messages)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L107	0	L105 and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L108	459	L100 and block adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L109	1647	L100 and set adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41

L110	62098	"709" .clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L111	0	L110 and ("one or more" adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L112	0	L110 and "one or more" adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L113	4	L110 and (set adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L114	69	L110 and (one with more ) adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L115	14	L114 and scan	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L116	10	L114 and browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/03/13 10:41
L117	4348	queue with (eras\$3 remov \$3 delet\$3 mov\$3) near3 (data message\$1 info information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 11:27
L118	19263	queue with (copy\$3 add\$3 writ\$3 stor\$3) near3 (data message\$1 info information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/13 11:28
L119	2844	L117 and L118	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 11:30
L120	0	L119 and persist\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 11:31
L121	470	L119 and persist\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 11:31

L122	298	L121 and (@pd<"20030911" @ad<"20030911")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 11:33
L123	24	L122 and 709/201,206,207. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/13 11:37
S1	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("2002004835"))).FN.	US-PGPUB; USPAT	OR	OFF	2006/12/28 08:42
S2	150	enhancing and persistence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 14:37
S3	4122	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 16:12
S4	702	MQSeries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 16:12
S5	26	S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/26 14:28
S6	0	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 17:01

S7	0	S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/20 17:01
S8	2	("20030191978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 09:08
S9	2	("5452430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 09:09
S10	4131	(709/206).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/27 09:46
S11	364	S10 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 10:35
S12	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/27 14:51
S13	362	S10 and persistent not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 13:37
S14	2098	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 13:39

S15	765	S14 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/27 13:39
S16	450	S15 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S17	374	message same oriented same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/12/28 08:21
S18	2109	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S19	766	S18 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S20	451	S19 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 08:22
S21	113	S20 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:13
S22	4137	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 16:15



S23	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/12/28 10:15
S24	363	S22 and persistent not S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 10:15
S25	108	S21 not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:25
S26	107	S25 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:26
S27	107	S26 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:31
S28	107	S27 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/28 13:32
S29	2150	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S30	775	S29 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04

S31	456	S30 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S32	116	S31 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S33	4206	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 14:04
S34	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/23 14:04
S35	372	S33 and persistent not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S36	111	S32 not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S37	110	S36 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S38	110	S37 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04

S39	110	S38 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S40	110	S39 not "object_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 14:04
S41	2150	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:01
S42	4206	(709/206).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 16:13
S43	0	S42 and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:13
S44	2018265	S42 and (set of messages) or (block of messages)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:13
S47	51146	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:20
S48	0	"709".clas. and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:21
S49	0	"709".clas. and "set of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:21
S50	5885	S47 and block with message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:23
S51	2469	S47 and block near2 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:28
S52	362	S47 and block adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/23 16:39
S53	1371	S47 and set adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:41

S54	51146	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:41
S55	4	S54 and (set adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:43
S56	0	S54 and ("one or more" adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:44
S57	0	S54 and "one or more" adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:46
S58	53	S54 and (one with more ) adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 08:53
S59	9	S58 and browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 09:02
S60	11	S58 and scan	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/01/24 09:02
S61	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835")).FN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13
S62	157	enhancing and persistence	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S63	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S64	758	MQSeries	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

S65	0	S62 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S66	0	S62 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S67	28	S63 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S68	2	("20030191978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S69	2	("5452430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S70	4775	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S71	454	S70 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S72	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13

S73	452	S70 and persistent not S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S74	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S75	882	S74 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S76	508	S75 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S77	438	message same oriented same middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/28 18:13
S78	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S79	882	S78 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S80	508	S79 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S81	128	S80 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

S82	4775	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S83	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046586") or ("20030009511") or ("20020059316") or ("20020004835"))).FN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13
S84	452	S82 and persistent not S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S85	122	S81 not S84	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S86	121	S85 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S87	121	S86 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S88	121	S87 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S89	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13

S90	882	S89 and persistent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S91	508	S90 and queue	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S92	128	S91 and crash	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S93	12	((("20010047390") or ("20020174260") or ("20020152422") or ("20020078258") or ("20020078132") or ("20020069157") or ("20020062356") or ("6,523,103") or ("20030046566") or ("20030009511") or ("20020059316") or ("20020004835"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 18:13
S94	4775	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S95	452	S94 and persistent not S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S96	122	S92 not S95	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S97	121	S96 not "object\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13



S98	121	S97 not "service\$oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S99	121	S98 not "service_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S100	121	S99 not "object_oriented"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S101	2553	message and oriented and middleware	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 18:13
S102	56972	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S103	2769	S102 and block near2 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S104	6616	S102 and block with message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S105	0	"709".clas. and "set of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S106	0	"709".clas. and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S107	4775	(709/206).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 18:13
S108	2158044	S107 and (set of messages) or (block of messages)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S109	0	S107 and "set of messages" or "block of messages"	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S110	415	S102 and block adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13

S111	1540	S102 and set adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S112	56972	"709".clas.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S113	0	S112 and ("one or more" adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S114	0	S112 and "one or more" adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S115	4	S112 and (set adj1 message) with browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S116	64	S112 and (one with more ) adj1 message	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S117	13	S116 and scan	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13
S118	10	S116 and browsing	US-PGPUB; USPAT; IBM_TDB	OR	ON	2007/08/28 18:13

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